

Railtown State Historic Park
GENERAL CODE of OPERATING RULES
2010 Study Guide

1. Above all other elements of railroad operations, what is most important? (1.1)
2. All tracks fall into one of two categories. What are these categories?
 - a)
 - b)
3. Before occupying a track in category (a), what is the primary element required?
4. How are movements made on a track in category (b)?
5. What is your obligation to comply with operating and other rules? (1.1)
6. If you're uncertain about something, how must you proceed? (1.1.1)
7. For whose safety are you responsible? (1.1.2)
8. If an accident occurs and passengers or other employees are injured, what is your responsibility to them? (1.2.1)
9. When on duty, where must you keep your copy of the General Code of Operating Rules and your timetable/special instructions? (1.3)
10. If you do not understand a rule or are unsure of its application, what must you do? (1.3)
11. If a General Order conflicts with an operating rule or a special instruction, which document governs? (1.3.2)
12. When reporting for or on-duty, what substances are prohibited in your possession, on your breath or in your bodily fluids? (1.5)
13. Are you permitted to use over-the-counter and prescription medications, or be under the influence thereof, while on duty? Explain. (1.5)
14. How do Sierra Northern Timetable/Special Instructions affect Museum operations? (1.14)

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15. Who is responsible to ensure that you do not violate the Federal Hours of Service law? (1.17)
16. When must you expect train or equipment movement? (1.20)
17. How are movements of equipment restricted by flat spots? (1.34)
18. When is the repetition of a radio transmission by the recipient not required? (2.3)
19. Describe how the terms "over" and "out" must be used in two-way radio transmissions. When is the use of these terms not required? (2.4)
20. Under which circumstances must an Emergency Call be made on the radio? Describe how this call made. (2.10)
21. What information is required when using the radio for backing or shoving moves? (2.13)
22. What are Mandatory Directives? (2.14)
23. Who is prohibited from copying Mandatory Directives by radio? (2.14)
24. Describe the following hand signals: (5.3.1)
 - a) STOP:
 - b) PROCEED:
 - c) BACK-UP:
25. Under what circumstances is it permissible to use hand signals other than those illustrated in the General Code? (5.3.1)
26. If the person giving signals to back a train disappears from view, what do you do? (5.3.3)
27. What does an object waved violently by any person on or near the track mean? (5.3.4)
28. When using radio instead of hand-signals, explain what must be understood by crew members: (5.3.6)
29. What is required when using radio communications for backing movements? (5.3.7)

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30. During a shoving movement controlled by radio, how far can the movement proceed before it must be stopped? Unless? (5.3.7)
31. What documents are used to restrict or stop train movements because of track conditions, structures, men, or equipment working? (5.4.1)
32. What does a yellow flag indicate? (5.4.1)
33. What flag is used for advance warning of location where a train may have to stop? (5.4.1)
34. If a speed restriction is specified in writing, how do you proceed when encountering a yellow flag? (5.4.2.)
35. If you come across a yellow flag and no speed restriction is specified on your Track Warrant or in your Track Bulletins, how must you proceed? (5.4.2.)
36. For what are yellow-red flags displayed? (5.4.3)
37. Describe how a train must proceed when a yellow-red flag is encountered: (5.4.3)
 - a) When a restriction is specified in writing:
 - b) When a restriction is not specified in writing:
38. What does a green flag indicate? (5.4.5)
39. What does a red flag or light indicate? (5.4.7)
40. When approaching a red flag or light, what is required? (5.4.7)
41. What must be included by the employee-in-charge with permission to proceed past a red flag if a Track Bulletin Form B is not in effect? (5.4.7)
42. What is required if a red flag or light is displayed between the rails? (5.4.7)
43. What is required when an unattended fusee is found burning on or near the track? (5.6)

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44. Describe the audible warning required under the following circumstances: (5.8.1)
- a) Before moving engine or train (except during switching).
 - b) When approaching men or equipment on or near the track.
 - c) When approaching public grade crossings.
 - d) Whenever a warning signal is necessary.
45. What is required if the whistle fails en route? (5.8.3)
46. Describe how the headlight must be displayed: (5.9)
- a) Under what circumstances is it to be dimmed? (5.9.1)
 - b) Under what circumstances is it to be extinguished? (5.9.2)
 - c) How do you proceed if the headlight fails at night? (5.9.3)
47. How is the rear of the train indicated? (5.10)
48. When running as a light engine or with the engine on the rear of the train, what may be used as a marker? (5.10.1)
49. How are trains identified? (5.11)
50. What does a blue flag or light signify? (5.13.A)
51. What class of workers do blue signals protect? What class of workers is NOT protected by blue signals? (5.13)
52. Who may remove a blue signal once it is placed? (5.13)
53. Describe how blue signal protection is provided on a Main Track: (5.13.B)
54. On a Main Track, if the blue flag is removed from one end of the train but not the other, is blue signal protection still in effect? (5.13.B)

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55. After receiving permission from the proper authority to bring equipment into a designated Engine Service Area, may you remove the blue flag protecting the entrance to the shop tracks? (5.13)
56. Within the designated Engine Service or Car Shop Area, describe how an engine may be moved on a track protected by blue flags: (5.13.F)
57. If a signal is encountered that is improperly displayed, or a signal, flag or sign is absent from the place is usually shown, how must you proceed? (5.15)
58. What must you do when you receive verbal instructions about moving your train? (6.1)
59. Before initiating movement on a Main Track, what must you obtain or ascertain? (6.2)
60. In addition to the above, what must you have before occupying a Main Track with a train or engine? (one word answer). How is this conveyed on the Sierra Northern Rwy.? (6.3)
61. When given Main Track authority to proceed on one direction, how may a train make a reverse movement? (6.4 & 6.4.1)
62. What is required when shoving cars ahead of the engine? (6.5)
63. When taking the siding to meet another train, where must you stop the head end? (6.8)
64. What is the maximum passenger train speed allowed on FRA-excepted track? (6.12)
65. What are Yard Limits? (Glossary)
66. What is Restricted Speed? (6.27)
67. Describe how trains may use the Main Track within Yard Limits: (6.13)
68. When is flag protection required on this railroad? Explain (6.19)
69. What must crewmembers protect their trains against? (6.21)
70. How are movements on tracks not designated as "Main Track" to be made? (6.28)
71. When a passenger train is working at a station, may another train or piece of on-track equipment pass between it and the platform? (6.30)

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72. Who is responsible for knowing and not exceeding a train's maximum authorized speed? (6.31)
73. What is required in order to shove a cut of cars over a road crossing? (6.32.1)
74. If notified that the automatic warning devices at a road crossing are malfunctioning, how do you proceed if no one is available to flag approaching traffic? (6.32.2)
75. If notified that the automatic warning devices at a road crossing are malfunctioning, how do you proceed if one properly-equipped flagger is at the crossing to warn traffic? (6.32.2)
76. What actions may unnecessarily activate automatic crossing warning devices? (6.32.5)
77. How long may a train legally block a public grade crossing? (6.32.6)
78. Where must cars and engines not be left? (7.1)
79. At what speed are couplings to be made during switching? (7.4)
80. May air brakes be relied upon to hold cars or engines in place when unattended? (7.6)
81. If handbrakes are set to hold cars on a grade, what is required before releasing them? (7.6)
82. When handling occupied passenger cars, describe when is it required to cut-in and charge air brakes: (7.9)
83. Unless cars can be handled safely and stopped within the required distance, what is required before making switch moves? (7.11)
84. For what should you be observant around switches and derails? (8.2)
85. What is the normal position of Main Track switches? Under what circumstances may a Main Track switch be left in its reverse position? (8.3)
86. What is required before restoring a Main Track switch to its normal position? (8.5)
87. What is required if a rigid switch is partially run-through? (8.15)
88. What is the normal position for derails? (8.20 & Special Instructions)
89. How do you determine that Track Warrant Control is in effect? (14.1)

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90. What does a Track Warrant convey? (14.1)
91. Do Track Warrant instructions apply in Yard Limits? (14.1)
92. If a "named point" is designated by a station name where no siding exists, at what point does the authority begin or end? (14.2)
93. If your warrant includes Box 10, where does your Main Track authority end? (14.2)
94. Explain "Work Between" authority: (14.3)
95. When authorized to move in only one direction, what must you do if your train clears the Main Track before the last-named point? (14.3.1)
96. What is required when multiple trains or a train and an MOW gang are authorized to occupy the same Track Warrant limits? (14.4)
97. If your TWC authority includes Yard Limits, what else applies? (14.4)
98. Who needs copies of Track Warrants issued to your train? (14.9)
99. What is required to copy a Track Warrant issued verbally by the Dispatcher? What is the significance of the "OK" time? (14.9)
100. How may the instructions or limits of a Track Warrant be changed once it has been issued? (14.11 & 15.1.1)

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SITUATIONAL EXERCISES:

A. You are operating with a Track Warrant granting Box 4 authority between MP 41.0 and Rock Siding. A Box 6 time is also indicated.

1. In which direction is your train authorized to move? (14.3)

2. What is required from the Train Dispatcher in order to temporarily leave cars on the Main Track? (6.20)

3. Describe how you will run the engine around the train at Rock Siding. (14.2, 14.3)

4. What if you're still occupying the Main Track at the time noted in Box 6? (14.10)

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B. You hold a Track Warrant with Box 2 authority from MP 41.0 to Rock Siding and Box 17 instructions stating: "Report clear of Bell Mooney Road crossing". Shortly after departing Jamestown, the Train Dispatcher contacts your Conductor and verbally issues your train another Track Warrant with Box 2 authority from Rock Siding to MP 41.0, and a Box 7 indicating "SERA 5728 West".

1. Explain how your train may proceed on the authority of the first Track Warrant.

2. On the way to Rock Siding a passenger loses her expensive video camera out open coach window somewhere west of Bell Mooney Road. By the time her husband finds and awakens the Conductor, the Brakeman has already reported the train clear of Bell Mooney Road to the DS. The Conductor wants to back up and find the camera before proceeding to Rock Siding. Explain how you're going to accomplish this: (6.4, 14.3)

3. With no other boxes are checked on your first warrant, what is the westward limit of your authority? (14.2, 14.3)

4. Based only on these instructions, what will you do when you get to Rock Siding?

5. When can you proceed west back to Jamestown?

6. On the eastward trip from Rock Siding to Jamestown you encounter a yellow-red flag at MP 37.0. Nothing is specified in your Track Bulletins about this flag and no Form B is in effect. Describe how you will proceed: (5.4.3)

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C. You hold a Track Warrant addressed to engine SRYC 28 with the following boxes checked:

- **Box 4 between MP 41.0 to MP 36.0;**
- **Box 5 indicating 12:01 p.m.**
- **Box 7 indicating SERA 4449.**
- **Box 8.**

However, today the 28 is B/O and you're using the 613. You call the DS and he verbally authorizes you to change the engine number on your existing warrant and corrects the Box 5 time to 0800 hrs.

1. What does this warrant now authorize? (14.11)